## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6	("4863487").URPN.	USPAT	AND	ON	2009/12/10 11:13
L4	39	3 and transmission	USPAT	AND	ON	2009/12/10 11:17
L3	39	watts.in. and succinimide and "508".clas.	USPAT	AND	ON	2009/12/10 11:17
L5	6	3 and (continuously adj variable)	USPAT	AND	ON	2009/12/10 11:21
L7	0	(aminoethylpiperazine) and (continuously adj variable) and "508".clas.	USPAT	AND	ON	2009/12/10 11:22
L6	0	(aminoethylpiperazine same succin\$) and (continuously adj variable) and "508".clas.	USPAT	AND	ON	2009/12/10 11:22
L8	2	(aminoethylpiperazine) and (continuously adj variable) and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:23
L10	2	9 not 3	US-PGPUB; USPAT	AND	ON	2009/12/10 11:24
L9	41	watts.in. and succinimide and "508".clas. and @ad< "20030623"	US-PGPUB; USPAT	AND	ON	2009/12/10 11:24
L11	33	(dispersant same ring same succinimide) and "508".clas. and @ad<"20030623"	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:25
L13	15	12 not 11	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:52
L12	22	(dispersant same piperazine same succinimide) and "508". clas. and @ad< "20030623"	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 11:52
L14	0	watts.in. and monosuccinimide and "508".clas.	USPAT	AND	ON	2009/12/10 11:55
L19	2	succinimide and (continuously adj variable) and aminoethylpiperazine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 11:59

L20	2	succin\$6 and (continuously adj variable) and aminoethylpiperazine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:00
L27	4	26 not 24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:01
L26	125	dispersant same polyisobutylene same (carbon adj atoms) and "508".clas. and @ad< "20030623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:01
L25	0	24 and (continuously adj variable)	USPAT	AND	ON	2009/12/10 12:01
L24	121	dispersant same polyisobutylene same (carbon adj atoms) and "508".clas. and @ad< "20030623"	USPAT	AND	ON	2009/12/10 12:01
L23	0	dispersant wsame polyisobutylene same (carbon adj atoms) and "508".clas. and @ad< "20030623"	USPAT	AND	ON	2009/12/10 12:01
L22	0	21 and (continuously adj variable)	USPAT	AND	ON	2009/12/10 12:01
L21	31	dispersant with polyisobutylene with (carbon adj atoms) and "508".clas. and @ad<"20030623"	USPAT	AND	ON	2009/12/10 12:01
L29	3	28 and (continuously adj variable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:02
L28	392	dispersant same polyisobutylene same (molecular adj weight) and "508".clas. and @ad<"20030623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:02
L34	3	32 and (continuously adj variable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:03

L33	50	32 and transmission	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:03
L32	120	alkenylsuccinic same (carbon adj atoms) and "508".clas. and @ad< "20030623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:03
L31	423	30 and (carbon adj atoms)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:03
L30	483	alkenylsuccinic and "508".clas. and @ad< "20030623"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:03
L35	1	"6337309".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 12:04
L37	2	"3194812".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 12:05
L36	2	"3024195".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 12:05
L38	20	("3024195").URPN.	USPAT	AND	ON	2009/12/10 12:11
L40	14	39 and piperazine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:13
L39	115	"508".clas. and @ad< "20030623" and (continuously adj variable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/10 12:13
L41	202	508/192.ccls. and @ad< "20030623"	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 12:18

## 12/10/2009 12:19:15 PM

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